S
553.28
O1S
JAN 1967

SHELVED WITH PERIODICALS

Montana State Library
3 0864 1006 0065 2

Montana Oil and Gas STATISTICAL BULLETIN

DISCARDED
MAY 1 1969
LIBRARY
UNIVERSITY of MONTANA

MAR 3

ADMINISTRATORS
JAMES F. NEELY
EXECUTIVE SECRETARY
JOHN H. RISKEN
ATTORNEY
GORDON D. LANOUETTE
PETROLEUM ENGINEER
BILLY B. LANE
GEOLOGIST
NORMAN J. BEAUDRY
ACCOUNTANT

COMMISSIONERS
E. G. BALSAM, CHAIRMAN
2300 PEARL
MILES CITY, MONTANA 59301
WINSTON L. COX, VICE CHAIRMAN
1925 GRAND AVENUE
BILLINGS, MONTANA 59102
ALLEN ZIMMERMAN
BOX 277
POPLAR, MONTANA 59255
LYLE KASSEL
142 3RD SOUTH
SHELBY, MONTANA 59474
CLYDE BREWER
P. O. BOX 294
ROUNDUP, MONTANA 59072

OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XV, No. 1 — 3 — January 1967

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1967, averaged 91,054 barrels daily, a decrease of 7,357 barrels from the average December production of 98,411.

The nine refineries in state processed 98,912 barrels of crude oil daily for the month of January, 1967, a decrease of 6,808 barrels from the 105,720 barrels processed daily during the month of December, 1966.

During January, 44 wells were completed, 9 oil, 3 gas wells and 32 dry holes.

During January, the commission issued 31 permits to drill new wells, a decrease of 1 from the 32 permits issued during December.

SUMMARY OF CRUDE OIL PRODUCTION REFINING STORAGE, ETC., IN MONTANA

MONTH OF JANUARY, 1967

IN STORAGE JANUARY 1st	
BY Producers	337,546
By Transporters	1,034,375
By Refiners	584,580
TOTAL STORAGE	1,956,501
Produced in Montana During Month	2,822,701
Imported During Month	2,228,679
TOTALS	7,007,881
DISPOSITION:	
Refined in Montana	3,066,301
Exported	1,894,551
Used for Fuel or Lost	20,171
TOTAL	4,981,023
IN STORAGE JANUARY 31st	
By Producers	345,016
By Transporters	1,104,700
By Refiners	577,142
TOTAL STORAGE	2,026,858

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1967

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	124,034
Bowdoin	311,332
Bowes	52,349
Cabin Creek	111,610
Cedar Creek	380,297
Cut Bank (Including Reagan)	886,658
Devon	0
Dry Creek	77,345
Elk Basin	129,391
Flat Coulee	14,332
Gold Butte	0
Golden Dome	0
Grandview	0
Hardin	2,834
Keith Block	445,299
Kevin Sunburst	73,317
Lake Basin	110,168
Middle Butte	3,376
Mt. Lilly	44,567
Pine	68,360
Plevna	13,051
Utopia	137,465
Whitlash	186,596
Miscellaneous	147,111
TOTAL	3,319,492

Total withdrawals for January, 1966 were 3,694,515 M. Cu. Ft.

PRODUCERS REPORT—MONTH OF JANUARY, 1967

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	5	411	5,688	.....	5,824	.....	275
2	Bannatyne	2	1,486	16	.....	250	.....	1,252
....	Bascom	....	201	.....	.....	.....	.....	201
6	Bear's Den	6	1,068	1,561	.....	1,137	.....	1,492
1	Benrud	1	372	1,802	1,750	.....	.....	424
1	Benrud East	1	463	8,494	8,464	.....	.....	493
2	Benrud Northeast	2	891	16,442	16,376	.....	.....	957
1	Berthelote	1	173	509	369	.....	.....	313
7	Big Wall	22	2,341	18,375	18,475	.....	140	2,101
4	Blackfoot	7	2,845	3,779	1,228	2,718	.....	2,678
....	Blackfoot East	....	214	.....	.....	.....	.....	214
2	Border	4	.....	1,064	.....	1,064	.....	.....
1	Bowes	60	5,843	16,222	14,052	.....	.....	8,013
2	Bradley	2	834	854	1,032	.....	.....	656
1	Brady	1	296	1,129	1,129	.....	.....	296
....	Bynum	....	75	.....	.....	.....	.....	75
2	Cabin Creek	102	6,121	280,281	279,394	.....	.....	7,008
15	Cat Creek	89	2,338	14,548	10,742	3,339	144	2,661
....	Clark's Fork	....	30	.....	.....	.....	.....	30
1	Conrad South	2	662	1,962	1,962	.....	.....	662
....	Cupton	....	1,151	.....	.....	.....	.....	1,151
180	Cut Bank	970	97,311	284,434	274,750	9,634	3	97,358
2	Deer Creek	3	1,387	2,686	2,278	.....	.....	1,795
1	Delphia	1	439	238	.....	388	.....	289
....	Devil's Basin	....	851	.....	.....	.....	.....	851
1	Dry Creek	1	69	.....	.....	.....	.....	69
14	Dwyer	15	5,026	24,632	24,116	.....	.....	5,542
4	Elk Basin	5	1,553	241,369	240,714	.....	.....	2,208
5	Elk Basin Northwest	13	2,243	14,795	14,489	.....	.....	2,549
2	Fairview	2	1,062	17,546	.....	17,314	280	1,014
3	Fertile Prairie	3	1,051	2,324	708	1,807	.....	860
24	Flat Coulee	31	4,869	18,018	18,096	.....	5	4,786
37	Flat Lake	54	7,208	108,847	109,279	.....	.....	6,776
1	Flat Lake South	1	454	501	794	.....	.....	161
2	Frannie	2	.....	1,183	1,183	.....	.....	.....
18	Fred & George Creek	37	3,092	86,661	87,236	.....	.....	2,517
1	Gage	1	575	135	.....	.....	.....	710
1	Gage Southwest	1	380	274	.....	219	.....	435
5	Gas City	26	8,893	45,950	48,365	393	.....	6,085
7	Glendive	11	1,566	30,808	17,451	12,424	.....	2,499
19	Goose Lake	23	3,568	60,349	59,829	.....	.....	4,088
10	Graben Coulee	31	4,960	18,759	16,105	2,143	.....	5,471
....	Grandview	....	528	.....	.....	.....	.....	528
4	Gypsy Basin	7	2,894	229	648	203	.....	2,272
1	Hibbard	1	875	256	.....	200	.....	931
7	Ivanhoe	11	1,976	11,182	11,572	.....	.....	1,586
10	Keg Coulee	28	4,993	25,313	24,630	.....	.....	5,676
2	Keg Coulee North	2	595	1,566	1,304	.....	.....	857
1	Kelley	1	1,612	9,426	4,232	5,415	.....	1,391
107	Kevin Sunburst	639	18,552	28,626	26,597	2,028	20	18,533
2	Little Beaver	29	1,062	34,183	34,082	.....	1,071	92
2	Little Beaver East	13	1,668	22,225	21,829	.....	.....	2,064
3	Lodge Grass	3	1,031	4,168	.....	3,721	.....	1,478
24	Lookout Butte	79	3,853	155,633	156,042	.....	216	3,228
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	745	881	1,055	.....	.....	571
2	Melstone	5	785	2,675	2,198	.....	.....	1,262
1	Mineral Bench	1	436	1,913	1,943	.....	.....	406
2	Miner's Coulee	4	369	1,553	.....	1,591	.....	331
7	Monarch	12	5,214	14,320	15,639	.....	.....	3,895
4	Mosser	4	.....	949	.....	949	.....	.....
6	Outlook	11	6,833	36,208	33,840	.....	.....	9,201
2	Outlook South	2	1,146	2,110	2,099	.....	.....	1,157
2	Outlook West	2	263	6,064	5,990	.....	.....	337
70	Pennel	117	5,921	173,876	175,267	.....	.....	4,530
3	Pine	131	17,010	348,903	348,163	.....	.....	17,750
3	Pole Creek	4	980	817	.....	759	.....	1,038
64	Pondera	296	7,497	27,330	26,860	.....	.....	7,967
4	Poplar East	70	7,265	66,674	63,166	.....	.....	10,773
4	Poplar Northwest	5	1,353	1,708	1,084	.....	.....	1,977
....	Prairie Elk	....	799	.....	.....	.....	.....	799
4	Ragged Point	13	2,647	10,021	10,286	.....	.....	2,382
4	Ranch Creek	4	911	2,664	.....	1,928	7	1,640
1	Rattlesnake Coulee	1	676	1,104	1,239	.....	.....	541
4	Reagan	42	1,039	18,135	18,000	.....	.....	1,174
1	Red Creek	27	.....	27,685	27,477	208	.....	.....
1	Redstone	1	523	932	1,176	.....	.....	279
1	Repeat	1	332	1,908	.....	1,936	.....	304
1	Reserve	1	2,574	10,496	.....	10,841	.....	2,229
1	Richey	1	770	202	334	.....	.....	638
6	Richey Southwest	8	983	10,120	1,563	8,474	.....	1,066
3	Sand Creek	5	3,554	9,775	10,803	.....	.....	2,526
1	Shotgun Creek	1	171	847	.....	673	.....	345
3	Sidney-Brorson	3	1,190	5,081	3,049	1,490	.....	1,732
1	Snyder	3	1,154	851	.....	883	.....	1,122
5	Soap Creek	18	2,470	4,150	.....	4,302	.....	2,318
1	Spring Lake	1	4,773	3,720	.....	4,149	.....	4,344
2	Stensvad	24	3,544	31,358	30,748	.....	.....	4,154
30	Sumatra	82	12,398	60,841	63,394	.....	.....	9,845
5	Tule Creek	7	2,533	37,648	.....	36,924	.....	3,257
2	Tule Creek East	2	300	22,905	.....	22,450	.....	755
2	Tule Creek South	2	953	8,865	.....	8,513	.....	1,305
2	Vida	2	778	2,579	.....	2,545	.....	812
4	Volt	6	1,712	22,690	22,044	.....	.....	2,358
5	Weldon	15	1,348	149,337	148,575	.....	.....	2,110
16	Whitlash	41	9,161	21,756	21,806	.....	.....	9,111
2	Whitlash West	2	602	1,000	1,000	.....	.....	602
2	Wills Creek South	2	1,050	7,704	7,982	.....	.....	772
9	Wolf Springs	12	5,409	27,760	27,954	.....	150	5,065
5	Woodrow	6	812	4,493	4,904	.....	.....	401
1	Wildcat, Glacier County	1	99	329	.....	206	.....	222
1	Wildcat, Richland County	1	1,559	2,212	.....	2,157	.....	1,614
1	Wildcat, Roosevelt County	1	124	351	.....	353	.....	122
1	Wildcat, Carbon County	1	.....	971	.....	.....	.....	971
1	Wildcat, Daniels County	1	....	1,188	.....	703	.....	485
855	Total	3,355	337,546	2,822,701	2,630,940	182,255	2,036	345,016

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1966	35,380,118	96,931	35,353,673	96,859
January, 1967	2,822,701	91,054	2,813,195	90,748

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1966	337,546	1,034,375	584,580	1,956,501
January, 1967	345,016	1,104,700	577,142	2,026,858

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF JANUARY, 1967

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			5,824				5,824		
BANNATYNE—Truck			250				250		
BEAR'S DEN—Truck			1,137			370		767	
BIG WALL—Continental Pipeline Co.		18,475				18,475			
BLACKFOOT—									
Camerland Cardinal Corp.			2,718			2,718			
Union Oil Co.		1,228				1,228			
		1,228	2,718			3,946			
BORDER—Truck			1,064				1,064		
BOWES—Texaco		14,052				14,052			
CABIN CREEK & OTHERS°									
Butte Pipeline Co.	367,481	889,779	36,092	860,141			1,771,316		382,177
Shell Pipeline Co.	6,029	352,018			634			352,161	5,252
	373,510	1,241,797	36,092	860,141	634		1,771,316	352,161	387,429
CAT CREEK—									
Continental Pipeline Co.		10,742				10,742			
Truck			3,339			3,339			
		10,742	3,339			14,081			
CUT BANK—									
Continental Pipeline Co.			15,807	445,317		461,124			
Phillips Petroleum Co.	59,497	70,129		75,811	1,025	93,836			110,576
Texas Pipeline Co.	24,256	76,569		32,560	227			101,016	32,142
Union Oil Co.	67,549	95,531		13,154	1,219	120,921			54,094
Western Oil Trans. Co.	28,984	43,567		126,398	436			162,292	36,221
Western Oil Trans. (Moulton)		80,785			808			79,977	
	180,286	366.581	15,807	693,240	3,715	675,881		343,285	233,033
DELPHIA—Truck			388			388			
DWYER—Portal Pipeline Co.		24,182					24,182		
ELK BASIN & ELK BASIN NORTH-WEST—Marathon Pipeline Co.		253,840				253,840			
FAIRVIEW—									
Rock Island Oil & Ref. Co.			17,314				17,314		
FLAT COULEE—									
Camerland Cardinal Corp.		15,486				15,071		415	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		100,266					100,266		
FRANNIE—Interstate Pipeline Co.		1,183					1,183		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	23,726	103,152				37,484		78,459	10,935
GAGE & GAGE S.W.—Truck			219			219			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	8,946	38,892			614			41,156	6,068
GOOSE LAKE—Portal Pipeline Co.		59,496					59,496		
HIBBARD—Truck			200			200			
IVANHOE—Continental Pipeline Co.		12,398				12,398			
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		29,199				9,747	19,452		
KELLEY—									
Truck			5,415				5,415		
Continental Pipeline Co.		4,232				4,232			
		4,232	5,415			4,232	5,415		
KEVIN SUNBURST—									
Big West Oil Co.	4,926	21,113				22,594			3,445
Homestake Oil & Gas Co.	1,979	2,735		4,533	1,537	7,102			608
Texas Pipeline Co.	12,484	10,569			277			14,848	7,928
	19,389	34,417		4,533	1,814	29,696		14,848	11,981
LODGE GRASS—McWood Corp.			3,721			3,721			
MASON Lake—Continental Pipeline Co.		1,055				1,055			
MELSTONE—Continental Pipeline Co.		2,198				2,198			
MOSSER—Truck			949				949		
POLE CREEK—Truck			759				759		
PONDERA—Phillips Petr. Co.	30,037	28,980			1,235	21,438			36,344
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUT-LOOK WEST, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	30,228	198,369			2,039			203,863†	22,695
RAGGED POINT—									
Continental Pipeline Co.		10,018				1,786	8,232		
RANCH CREEK—									
Rock Island Oil & Ref. Co.			1,928				1,928		
RED CREEK—									
Western Oil Transportation Co.		33,102			331			32,771	
RESERVE—Truck			10,841				10,841		
SHOTGUN CREEK—Truck			673				673		
SIDNEY-BRORSON—McWood Corp.	15,140		1,490	9,505				16,374	9,761
SNYDER—Truck			883			883			
SOAP CREEK—McWood Corp.	3,536		4,302	2,761		3,857			6,742
SPRING LAKE—									
Rock Island Oil & Ref. Co.			4,149				4,149		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	337,214	92,904		335,086	3,081	47,106	47,036	301,219	366,762
TULE CREEK—Tesoro Petr. Corp.	12,363		59,374			58,787			12,950
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		23,632				23,632			
WOLF SPRINGS—									
Continental Pipeline Co.		19,612				19,612			
WILDCAT WELLS—Truck			3,419				3,419		
TOTALS	1,034,375	2,739,488	182,255	1,905,266	13,463	1,274,155	2,083,748	1,385,318	1,104,700

°Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JANUARY, 1967

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall	.....	.....	.....	18,475	.....	.....	.....	.....	.....	18,475
Bowes	.....	.....	7,204	.....	.....	.....	.....	.....	.....	7,204
Cat Creek	.....	10,269	.....	.....	.....	4,298	.....	.....	.....	14,567
Cut Bank	.....	.....	.....	3,000	.....	17	63,382	.....	119,080	185,479
Delphia	.....	.....	.....	.....	.....	342	.....	.....	.....	342
Dry Creek	.....	.....	.....	.....	.....	5	.....	.....	.....	5
Elk Basin	.....	102,596	.....	63,352	87,891	.....	.....	.....	.....	253,839
Fred & George Creek	37,484	.....	.....	.....	.....	.....	.....	.....	.....	37,484
Gage & Gage S.W.	.....	.....	.....	.....	.....	352	.....	.....	.....	352
Hibbard	.....	.....	.....	.....	.....	143	.....	.....	.....	143
Ivanhoe	.....	.....	.....	.....	12,393	.....	.....	.....	.....	12,398
Keg Coulee	.....	1,304	.....	8,443	.....	.....	.....	.....	.....	9,747
Kelley	.....	.....	.....	.....	4,232	.....	.....	.....	.....	4,232
Kevin Sunburst	29,696	.....	.....	.....	.....	.....	.....	.....	.....	29,696
Lodge Grass	.....	3,721	.....	.....	.....	.....	.....	.....	.....	3,721
Mason Lake	.....	1,055	.....	.....	.....	.....	.....	.....	.....	1,055
Melstone	.....	.....	.....	2,198	.....	.....	.....	.....	.....	2,198
Pondera	.....	.....	.....	.....	.....	.....	67,261	.....	.....	67,261
Ragged Point	.....	956	.....	830	.....	.....	.....	.....	.....	1,786
Red Creek	.....	.....	.....	.....	27,477	.....	.....	.....	.....	27,477
Sand Creek	.....	.....	.....	.....	.....	511	.....	.....	.....	511
Snyder	.....	883	.....	.....	.....	.....	.....	.....	.....	883
Soap Creek	.....	3,857	.....	.....	.....	.....	.....	.....	.....	3,857
Sumatra & Stensvad	.....	16,946	.....	30,160	17,182	.....	.....	.....	.....	64,288
Tule Creek	.....	.....	.....	.....	.....	.....	.....	63,598	.....	63,598
Whitlash	10,664	.....	.....	.....	.....	.....	.....	.....	.....	10,664
Wolf Springs	.....	.....	.....	.....	16,360	.....	.....	.....	.....	16,360
Total Montana Oil	77,844	141,587	7,204	126,458	165,540	5,668	130,643	63,598	119,080	837,622
Canadian Oil Imported	.....	445,317	.....	.....	.....	.....	.....	.....	.....	445,317
Wyoming Oil Imported	.....	409,527	.....	426,281	947,554	.....	.....	.....	.....	1,783,362
Total Montana, Canadian & Wyoming Oil	77,844	996,431	7,204	552,739	1,113,094	5,668	130,643	63,598	119,080	3,066 301

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1966	29,111	12,832	49,643	91,586
January, 1966	28,814	11,200	50,408	90,422
January, 1967	27,020	14,365	57,527	98,912

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1966	31.78%	14.02%	54.20%
January, 1966	31.86%	12.40%	55.74%
January, 1967	27.31%	14.53%	58.16%